

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Project  
A700RM-S*

*Number* SA1515 NM

*This certificate, issued to* Heliarc Welding Service, Inc.  
3965 Newport Street, P. O. Box 38509  
Denver, Colorado 80238

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product — Type Certificate Number:* A7CE

*Make:* Cessna

*Model:* 411, 411A, 421, 421A and 421B

*Description of Type Design Change:* Crossover exhaust pipe assembly in accordance with Heliarc Welding Service, Inc. Drawing Numbers HWS-42121-20/22 and HWS-42121-40/42, dated November 30, 1979, or later revision.

*Limitations and Conditions:*

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of the aircraft.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* June 25, 1981

*Date issued:*

*Date of issuance:* September 22, 1982

*Date amended:* November 4, 1982



*By direction of the Administrator*

*Mark E. Baldwin*

MARK E. BALDWIN, (Signature) Manager  
Denver Aircraft Certification Field Office  
Northwest Mountain Region, Aurora, Colorado  
(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*